

COMPOSITIONS AND METHODS FOR THE DISCOVERY
AND SELECTION OF BIOLOGICAL INFORMATION

ABSTRACT

- 5 Methods and vectors are disclosed for discovering intracellular regulatory pathways utilized by specific stimulatory agents. Suitable stimulatory agents include cytokines, chemical agents, and antibodies. Cell lines and regulatory factors are provided for screening libraries of drug candidates to identify potential therapeutic agents. Methods and compositions are also provided for identifying genes which are necessary
10 for, or capable of, up regulating or down regulating the targeted genomic loci in the selected cells.

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